



Synonymic notes on some species of Chironomidae (Diptera) described by Dr. M. Sasa (†)

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Abstract

Holotypes of 36 species in the Sasa collection at the National Science Museum, Tokyo, have been reexamined. Among these 16 species belong in Tanypodinae, 5 species in Diamesinae, 5 species in Prodiamesinae, and 10 species in Chironominae. Consequently, 32 new synonyms and 3 new combinations are established, and one species is reconfirmed. Tanypodinae: *Yaequintus irioquereus* Sasa et Suzuki, 2000 is transferred to the genus *Denopelopia* and *D. bractea* Cheng et Wang, 2005 is a new junior synonym of *D. irioquerea*; this is the first record of the genus *Denopelopia* from Japan. *Krenopelopia kurobefasciata* Sasa et Okazawa, 1992 and *Zavrelimyia inawaquerea* Sasa, Kitami et Suzuki, 2000 are new junior synonyms of *Natarsia tokunagai* (Fittkau, 1962). *Krenopelopia amaminova* Sasa, 1990, *K. togavicea* Sasa et Okazawa, 1992, *K. yunouresia* Sasa, 1989, *Monopelopia okigenga* Sasa, 1990, *Paramerina kurobekogata* Sasa et Okazawa, 1992, and *P. tokararesea* Sasa et Suzuki, 1995 are new junior synonyms of *Paramerina divisa* (Walker, 1856). *Paramerina okimaculata* Sasa, 1990 is reconfirmed. *Krenopelopia togatibea* Sasa et Okazawa, 1992 is a new junior synonym of *Psectrotanypus orientalis* Fittkau, 1962. *Krenopelopia joganflava* Sasa et Okazawa, 1991 is a new synonym of *Rheopelopia ornata* (Meigen, 1838). *Zavrelimyia inaveua* Sasa, Kitami et Suzuki, 2001 is a new junior synonym of *Tanypus punctipennis* Meigen, 1818. *Trissopelopia oyabetrispinosa* Sasa, Kawai et Ueno, 1988 is a new junior synonym of *T. longimana* (Staeger, 1839). *Paramerina tusimuheia* Sasa et Suzuki, 1999 is transferred to the genus *Zavrelimyia*. Diamesinae: *Boreoheptagyia kurobeia* Sasa et Okazawa, 1992 is a new junior synonym of *B. brevitarsis* (Tokunaga, 1936). *Diamesa kurobedistalis* Sasa et Okazawa, 1992 is a new junior synonym of *D. alpina* Tokunaga, 1936. *Pseudodiamesa sunabacedea* Tanaka et Sasa, 2001 is transferred to the genus *Diamesa*. *Potthastia togabicolis* Sasa et Okazawa, 1992b is a new junior synonym of *P. gaedii* (Meigen, 1838). *Sympotthastia toyamayezea* Sasa, 1996 is a new junior synonym of *S. takatensis* (Tokunaga, 1936). Prodiamesinae: *Prodiamesa chuzenigra* Sasa, 1989 and *Prodiamesa kamidefea* Sasa et Hirabayashi, 1993 are new junior synonyms of *Monodiamesa bathyphila* (Kieffer, 1918). *Prodiamesa nagaii* Sasa et Kawai, 1985, *P. otukii* Sasa et Tanaka, 2000 and *P. toneheia* Sasa et Tanaka, 2000 are new junior synonyms of *P. levanidovae* Makarchenko, 1982. Chironominae: *Chironomus daitoabeus* Sasa et Suzuki, 2001, *Daitoyusurika daitofeagea* Sasa et Suzuki, 2001, and *Yaesecundus iriobeceus* Sasa et Suzuki, 2000 are new junior synonyms of *Chironomus crassiforceps* (Kieffer, 1916). *Cryptotendipes sibaabeus* Sasa, Sumita et Suzuki, 1999 is a new junior synonym of *Cladopelma edwardsi* (Kruseman, 1933). *Harnischia sibabecea* Sasa, Sumita et Suzuki, 1999 is a new junior synonym of *H. ohmuraensis* Kobayashi et Suzuki, 1999. *Prochironomus irioheius* Sasa et Suzuki, 2000 is a new junior synonym of *Paratendipes nigrofasciatus* Kieffer, 1916. *Chironomus daitobeceus* Sasa et Suzuki, 2001 and *Polypedilum daitoneoum* Sasa et Suzuki, 2002 are new junior synonyms of *Polypedilum (Polypedilum) nubifer* (Skuse, 1889). *P. (P.) chubetua-beum* Sasa et Suzuki, 2001 is a new junior synonym of *P. (P.) tsukubaense* (Sasa, 1979). *Tanytarsus ginzanquartus* Sasa et Suzuki, 1998 is a new junior synonym of *Rheotanytarsus rivulophilus* Kawai et Sasa, 1985.

Key words: Sasa's type specimens, new synonyms, new combinations, Chironomidae